

Docket No.: A-3252

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent. No. : 6,668,742 B2
Patentee : Martin John Callahan et al.
Issue Date : December 30, 2003
Title : Method for Controlling a Quantity of Medium
Transferable Between Two Rollers
TC/A.U. : 2854
Examiner : Eugene H. Eickholt
Customer No. : 24131

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.98

Hon. Commissioner for Patents
Alexandria, VA 22313-1450

S i r :

In accordance with 37 C.F.R. 1.98, copies of the following
patents and/or publications are submitted herewith:

U.S. Patent No. 4,445,433 (Navi), dated May 1, 1984:

Navi discloses a method for varying the inking density in a printing press. The ink train includes an anilox roll (screen roller), a form roll in contact with the anilox roll, and a printing or further form roll. The ink transfer is controlled by varying the relative peripheral speeds of the anilox roll and the form roll in contact with the anilox roll within a range from 1:1 to 3:1. That is, a difference of the circumferential speeds of the two rollers is controlled to thereby control the inking density of the printing press. Navi does not disclose determining a characteristic curve concerning the relationships

between the speed difference, the printing machine speed, and the resulting inking density. Nor does Navi disclose or suggest storing such a characteristic curve in a control device.

Published European Patent Application EP 0 983 851 A2 (Jentzsch et al.), dated March 8, 2000:

EP '851 discloses a short applicator train for supplying ink, lacquer, or water in a printing machine. The anilox roll (5, 8, 10 - screen roller) rolls in contact with a transfer roller (7) that rotates at machine speed. The anilox roll is provided a speed-variable drive. The amount of medium to be transferred is varied by varying the speed of the anilox roll, i.e., by varying the speed difference v_{diff} between the peripheral speeds of the anilox roll and the transfer roller. The reference does not disclose determining a characteristic curve concerning the relationships between the speed difference, the printing machine speed, and the resulting inking density. Nor does EP '851 disclose or suggest storing such a characteristic curve in a control device.

Published European Patent Application EP 0 983 849 A2 (Jentzsch et al.), dated March 8, 2000;

EP '849 discloses a transfer train for supplying ink, lacquer, or water in a printing machine. A converter element (10) is provided between an anilox roll (1) and its drive wheel. The converter element (10) enables the transfer rate of the medium from an anilox roll (1 - screen roller) to be varied. The reference does not disclose determining a characteristic curve concerning the relationships between the speed difference, the printing machine speed, and the resulting inking density. Nor does EP '849 disclose or suggest storing such a characteristic curve in a control device.

European Search Report, dated November 27, 2003.

If no translation of pertinent portions of any foreign language patents or publications mentioned above is included with the aforementioned copies of those applications, patents and/or publications, it is because no existing translation is readily available to the applicant.

Respectfully submitted,



For Applicants

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Date: March 10, 2004

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FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))				Attorney Docket No.: Patent No. A-3252 6,668,724 B2 <hr/> Patentee: Martin John Callahan et al. <hr/> Reissue Filing Date Group Art Unit March 10, 2004 2854			
U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A	4,445,433	05/84	Navi			
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
FOREIGN PATENT DOCUMENT							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J	EP 0 983 851 A2	03/00	Europe			
	K	EP 0 983 849 A2	03/00	Europe			
	L						
	M						
	N						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	O						
	P						
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							